

Application S/N 10/729,651
Amendment Dated: July 14, 2005
Response to Office Action dated: March 28, 2005

CE11277JUI

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method for use with a device having a portable power source, comprising:
 - providing a first charge depleted threshold value;
 - providing a second charge depleted threshold value that represents a level of charge depletion for the portable power source that is less than a level of charge depletion as corresponds to the first charge depleted threshold value;
 - selecting one of the first charge depleted threshold value and the second charge depleted threshold value to provide a selected charge depleted threshold value;
 - using the selected charge depleted threshold value ~~to determine when to present~~ information to a user of the device to indicate that the portable power source should be recharged, wherein a first indicator is used to present the information to the user when the selected charge depleted threshold value is the first charge depleted threshold value and a second indicator is used to present the information to the user when the selected charge depleted threshold value is the second charge depleted threshold value.
2. (original) The method of claim 1 wherein providing a second charge depleted threshold value further comprises providing a second charge depleted threshold value as a function, at least in part, of historical levels of depletion for the device.

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3. (currently amended) The method of claim 2 wherein providing a second charge depleted threshold value as a function, at least in part, of historical levels of depletion for the device further comprises:

- selecting the first charge depleted threshold value ~~to use when determining when to~~ present information to a user of the device to indicate that the portable power source should be recharged;
- detecting recharging of the portable power source;
- determining a level of depletion for the portable power source;
- using the level of depletion to provide the second charge depleted threshold value.

4. (original) The method of claim 3 wherein:

- detecting recharging of the portable power source further comprises detecting multiple instances of recharging of the portable power source; and
- determining a level of depletion for the portable power source further comprises determining a level of depletion for the portable power source for each of at least a plurality of the multiple instances.

5. (original) The method of claim 1 wherein selecting one of the first charge depleted threshold value and the second charge depleted threshold value to provide a selected charge depleted threshold value further comprises automatically selecting one of the first charge depleted threshold value and the second charge depleted threshold value to provide a selected charge depleted threshold value.

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6. (original) The method of claim 1 wherein selecting one of the first charge depleted threshold value and the second charge depleted threshold value to provide a selected charge depleted threshold value further comprises:

- detecting a user input;
- using the user input to select one of the first charge depleted threshold value and the second charge depleted threshold value to provide a selected charge depleted threshold value.

7. (canceled)

8. (currently amended) The method of claim ~~7~~ 1 wherein using a first indicator further comprises using a first visual indicator and using a second indicator further comprises using a second visual indicator.

9. (original) The method of claim 8 wherein using a first visual indicator further comprises using a displayed icon having a first visual attribute and using a second visual indicator further comprises using the displayed icon having a second visual attribute that is different from the first visual attribute.

10. (original) The method of claim 1 and further comprising, when using the second charge depleted threshold value as the selected charge depleted threshold value:

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- detecting when the portable power supply has been depleted by at least a predetermined amount beyond a level of depletion that corresponds to the second charge depleted threshold value;
- automatically switching to the first charge depleted threshold value for use when determining when to present information to a user of the device to indicate that the portable power source should be recharged.

11. (currently amended) An apparatus comprising:

- a portable power source;
- a power capacity detector operably coupled to the portable power source;
- a first charge depleted threshold value;
- a second charge depleted threshold value that corresponds to a reduced amount of charge depletion as compared to the first charge depleted threshold value;
- a first user-perceivable indicator that corresponds to a level of charge depletion of the portable power source as compares to the first charge depleted threshold value; and
- a second user-perceivable indicator that corresponds to a level of charge depletion of the portable power source as compares to the second charge depleted threshold value.

12. (original) The apparatus of claim 11 wherein the power capacity detector comprises a voltage level detector.

13. (original) The apparatus of claim 11 wherein the first charge depleted threshold value comprises at least a substantially complete level of charge depletion.

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14. (original) The apparatus of claim 11 wherein the second charge depleted threshold value comprises an historically derived charge depleted threshold value.

15. (original) The apparatus of claim 14 and further comprising means for:

- detecting recharging of the portable power source;
- determining a level of depletion for the portable power source upon recharging the portable power source;
- using the level of depletion to provide the second charge depleted threshold value.

16. (original) The apparatus of claim 15 wherein the means are further for determining a plurality of levels of depletion for the portable power source as each corresponds to a plurality of recharging events and using the plurality of levels of depletion to provide the second charge depleted threshold value.

17. (canceled)

18. (currently amended) The apparatus of claim ~~17~~ 11 wherein the first user-perceivable indicator comprises a first visual indicator and the second user-perceivable indicator comprises a second visual indicator.

19. (original) The apparatus of claim 18 wherein the first visual indicator comprises an icon having a first visually perceivable attribute and the second visual indicator

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comprises the icon having a second visually perceivable attribute, which second visually perceivable attribute is different from the first visually perceivable attribute.

20. (original) The apparatus of claim 11 and further comprising selection means for selecting one of the first and second charge depleted threshold values to use when determining when to provide an indication to a user of the apparatus that the portable power source should now be recharged.

21. (original) The apparatus of claim 20 wherein the selection means automatically selects the first charge depleted threshold value when the second charge depleted threshold value is presently in use and the portable power source has become depleted to at least a predetermined amount with respect to a level of charge depletion that corresponds to the second charge depleted threshold value.

22. (original) The apparatus of claim 21 wherein the predetermined amount comprises an amount that is at least more than the level of charge depletion that corresponds to the second charge depleted threshold value.